

JAVA.IO.LINENUMBERINPUTSTREAM CLASS

http://www.tutorialspoint.com/java/io/java_io_linenumbersinputstream.htm

Copyright © tutorialspoint.com

Introduction

The **java.util.LineNumberInputStream** class is an input stream filter that provides the added functionality of keeping track of the current line number. A line is a sequence of bytes ending with a carriage return character ('\r'), a newline character ('\n'), or a carriage return character followed immediately by a linefeed character.

Class declaration

Following is the declaration for **java.util.LineNumberInputStream** class:

```
public class LineNumberInputStream
    extends Reader
```

Field

Following are the fields for **java.util.LineNumberInputStream** class:

- **protected InputStream in** -- This is the input stream to be filtered.

Class constructors

S.N.	Constructor & Description
1	LineNumberInputStream(InputStream in) This constructs a newline number input stream that reads its input from the specified input stream.

Class methods

S.N.	Method & Description
1	<u>int available()</u> This method returns the number of bytes that can be read from this input stream without blocking.
2	<u>int getLineNumber()</u> This method returns the current line number.
3	<u>void mark(int readlimit)</u> This method marks the current position in this input stream.
4	<u>int read()</u> This method reads the next byte of data from this input stream.
5	<u>int read(byte[] b, int off, int len)</u> This method reads up to len bytes of data from this input stream into an array of bytes.
6	<u>void reset()</u> This method repositions this stream to the position at the time the mark method was last called on this input

	stream.
7	<u>void setLineNumber(int lineNumber)</u> This method sets the line number to the specified argument.
8	<u>long skip(long n)</u> This method skips over and discards n bytes of data from this input stream.

Methods inherited

This class inherits methods from the following classes:

- `java.util.FilterInputStream`
- `java.util.Object`